

**Solve each problem.****Answers**

- 1) A lawn mowing company had to mow one-third of a mile of grass. To make it quicker, they split the amount evenly between 6 workers. What fraction of the mile did each person mow?
- 2) A sub shop sold sandwiches that were one-eighth of a foot long. If you were to cut the sandwich into 3 equal pieces, what fraction of a foot would each piece be?
- 3) At the end of the day a restaurant had one-ninth of a pound of leftover food. If 5 employees wanted to split it, how much would each employee get?
- 4) A store had 8 boxes of video games. How many days would it take to sell the games if each day they sold one-third of a box?
- 5) A malt shop used one-half of a box of waffle cones every day they were open. How many days would 8 whole boxes last them?
- 6) Adam had to write 8 pages for a book report. How many hours would it take him to write it if he wrote one-fifth of a page each hour?
- 7) A chef had 6 potatoes. How many bowls of mashed potatoes could he make if each bowl used one-fifth of a potato?
- 8) A small book took one-fifth of a ream of paper to make. How many books could be made with 5 whole reams of paper?
- 9) Nancy had picked 3 bags of oranges. How many glasses of orange juice could she make if each glass took one-eighth of a bag?
- 10) At a restaurant 4 people were at a table when the waiter brought out one-eighth of a bowl of cheese dip. If they split the bowl evenly, how much would each person get?
- 11) A group of 2 friends bought a one-sixth of a pound of bubblegum. If they split it equally, how much would each friend get?
- 12) An artist was able to draw one-fifth of a picture every hour. If he needed to paint 3 pictures for an art show, how many hours would it take him?
- 13) Tom used one-third of a cup of sugar to make a pitcher of lemonade. If he were to pour the lemonade into 2 smaller glasses how much sugar would be in each glass?

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**Answers**

1.  $\frac{1}{18}$
2.  $\frac{1}{24}$
3.  $\frac{1}{45}$
4. **24**
5. **16**
6. **40**
7. **30**
8. **25**
9. **24**
10.  $\frac{1}{32}$
11.  $\frac{1}{12}$
12. **15**
13.  $\frac{1}{6}$



Solve each problem.

**Answers**

$\frac{1}{45}$

40

$\frac{1}{32}$

24

$\frac{1}{24}$

$\frac{1}{18}$

24

25

16

30

- 1) A lawn mowing company had to mow  $\frac{1}{3}$  of a mile of grass. To make it quicker, they split the amount evenly between 6 workers. What fraction of the mile did each person mow?
- 2) A sub shop sold sandwiches that were  $\frac{1}{8}$  of a foot long. If you were to cut the sandwich into 3 equal pieces, what fraction of a foot would each piece be?
- 3) At the end of the day a restaurant had  $\frac{1}{9}$  of a pound of leftover food. If 5 employees wanted to split it, how much would each employee get?
- 4) A store had 8 boxes of video games. How many days would it take to sell the games if each day they sold  $\frac{1}{3}$  of a box?
- 5) A malt shop used  $\frac{1}{2}$  of a box of waffle cones every day they were open. How many days would 8 whole boxes last them?
- 6) Adam had to write 8 pages for a book report. How many hours would it take him to write it if he wrote  $\frac{1}{5}$  of a page each hour?
- 7) A chef had 6 potatoes. How many bowls of mashed potatoes could he make if each bowl used  $\frac{1}{5}$  of a potato?
- 8) A small book took  $\frac{1}{5}$  of a ream of paper to make. How many books could be made with 5 whole reams of paper?
- 9) Nancy had picked 3 bags of oranges. How many glasses of orange juice could she make if each glass took  $\frac{1}{8}$  of a bag?
- 10) At a restaurant 4 people were at a table when the waiter brought out  $\frac{1}{8}$  of a bowl of cheese dip. If they split the bowl evenly, how much would each person get?

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